

Suggested Topics for Workshop in Inadvertent PCBs
Sponsored by SRRTTF, WA DOE, and NW Green Chemistry
DRAFT ONLY

Next steps: Comments on revision by Lauren, Doug, Lisa, and Ken.

Future next step: Doug is planning to get feedback from David Wawer, particularly on Section 2.

INVITE SPEAKERS – Make initial contact with save the date.

SAVE THE DATE – SRRTTF and interested parties

ID Speakers for Agenda Sections II and III

General notes:

1. Logistics:
 - a. two day meeting, October 8/9.
 - b. Location: tbd
 - c. Remote:
 - i. Definitely plan to have a remote option.
 - ii. Minimum: Webex with staff monitoring for questions in chat. Ecology will host Webex. Note EWU does not seem to be able to support WebEx
2. General thoughts:
 - a. Discussion and solution focused, integrate silos.
 - b. Outcomes should include workgroups with plans on when to reconvene (likely via conference call) and next steps.
 - c. Audience:
 - i. Manufacturers of pigments (consider drivers who can encourage manufacturers to reformulate the process).
 - ii. Manufacturers who use pigments (supply stream)
 - iii. Procurement specialists (gov't, business)
 - iv. SRRTTF will be there as well
 - d. Topic will include iPCBs in pigments in general, not limiting to a single color.
 - e. Lead facilitator: Lisa Dally Wilson. Each section will have additional moderators/chairpeople.
3. Things we're ruling out:
 - a. PCB sniffing dog. Distraction, only talks about legacy PCBs.

DAY ONE:

I. Background: Scoping the Problem

Purpose: Get everyone on the same page about what the problem is (global, US, local), challenges faced and the mission of the Spokane River Regional Toxics Task Force.

Presentation oriented. Plan for Q&A after each speaker.

Session time: 2 hours.

- Welcome and Frame the Issue (45 minutes)
 - Welcome: Elected official (Mayor, Senator?) (brief introductory speaker) – 10 min
 - FRAME the Issue: USA/Globally - Define the history of legacy PCBs, ongoing contamination from inadvertent PCBs (iPCBs). Congener breakdown in Spokane River water column – how much are inadvertent?, Inadvertent vs. legacy: relative toxicity, potential to bioaccumulate in fish. Source attribution (research update on sources of iPCBs to Spokane River); Why it's a national and global problem; not just Spokane; How are iPCBs impacting society; compare regulatory requirements across the country – 30 min
 - Suggested speakers
 - First choice: Lisa Rodenberg
 - Other options: Keri Hornbuckle, ?
 - Q&A
- Pacific Northwest: Water quality standards and Fish
 - Ecology speaker: Washington State: Water Quality Limits, Fish driven - 20-30 m
 - Why PCB limits are considered this way
 - Ability to measure and achieve standards
 - Tribal standards – Fish consumption and water quality: 15m
 - Suggested speakers – Diane Barton or invite member of Spokane Tribe of Indians
- Case Studies:
 - Inland Empire Paper (IEP) – Recycled paper and the Waste Stream - 15m
 - Doug Krapas
 - Municipal (pathway to environment via cosmetics, other consumer products) 15m
 - Spokane County or City of Spokane

LUNCH (consider lunch speaker)

II. Industry Supply Chain, Technical Requirements, and Solutions

Purpose: Understand the complexity of the supply, the steps involved. Introduce discussion on alternatives/solutions.

Timing: 1h20m of speakers, take a 20 minutes break, then break into workgroups to discuss. Maybe discuss for ~40 minutes, then have a lead moderator step in with some questions/clarification/redirection, then discuss another 20 or so. Then 30 minutes to report back/summarize.

- Supply chain- high level, one speaker. 20 minutes.
 - Newsprint
 - Paper and paperboard packaging
- Technical requirements for different applications (industry experts). 20 minutes.
 - Newsprint
 - Paper and paperboard packaging
- Product Stewardship (maybe with a chemistry bent). 20 minutes.
- Alternative pigments that are low iPCBs. 20 minutes.
 - Suggested speakers
 - Pigment manufacturer OR NGC presents research summary
- Brief break.
- Breakout groups and discuss: Technical Solutions. 40 minutes.
 - What are the practical challenges with switching pigments?
 - How can those be addressed?
 - What research is necessary?
 - Could pilot tests be set up with alternative pigments?
 - How can procurement align best with technical solutions?
 - Who needs to be involved to accomplish this?
- Be sure to save sufficient time to have each group report back. 20 minutes.

DAY 2

III. Moving towards iPCB-free pigments: Drivers

- Procurement
 - Procurement panel discussion (60 minutes). Speakers introduce themselves and some information about their procurement policy/perspective. Less time for gov't procurement (because it's generally more well known, 3-5m) and more time for private business procurement (5-10). Limit slides - they can have 1-2 each, but must be provided in advance and made part of a single slide deck controlled by the moderator.
 - WA DES procurement- DES
 - Would a practical quantitation limit (PQL) be helpful for implementation?
Suggested speaker Kathy Brewer from HP
 - WS DOT Road paint case study
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- Market drivers
 - HP specifications; how are they applied; in the inks? Printed packaging?
 - Apple? Dell?

- Environmental Responsibility/Sustainability Practices
- Regulatory Opportunities
 - TSCA
- Break. 20 m.
- Breakout groups: Drivers. Similar format to before. Allow to talk for ~40 minutes, moderator breaks in with some redirection/clarification, speak another 20 minutes, and plan 30 minutes for reporting back.
 - Developing an iPCB procurement policy for your organization. Practical aspects of developing and implementing the policy. Supply chain management.
 - Create an “iPCB procurement commitment” to develop and implement an iPCB procurement policy to minimize and eventually eliminate iPCBs in their products. Sample procurement language we are recommending to discuss.
 - Best practices for procurement, how to incorporate technical difficulties discussion in the morning, how to address those difficulties to comply.
- Be sure to save sufficient time to have each group report back

IV. WRAP-UP AND NEXT STEPS

Purpose: Summarize Key Outcomes and Identify action steps necessary to move the effort forward. Brainstorm ideas for ongoing engagement, possible workgroup topics.

Request participation in ongoing workgroup to move the effort forward. Determine what is needed to implement solutions.

- Technical Solutions
- Drivers
- Outreach Plan
- Research needs

Request participation and commitment
(possible ideas)

Adjourn